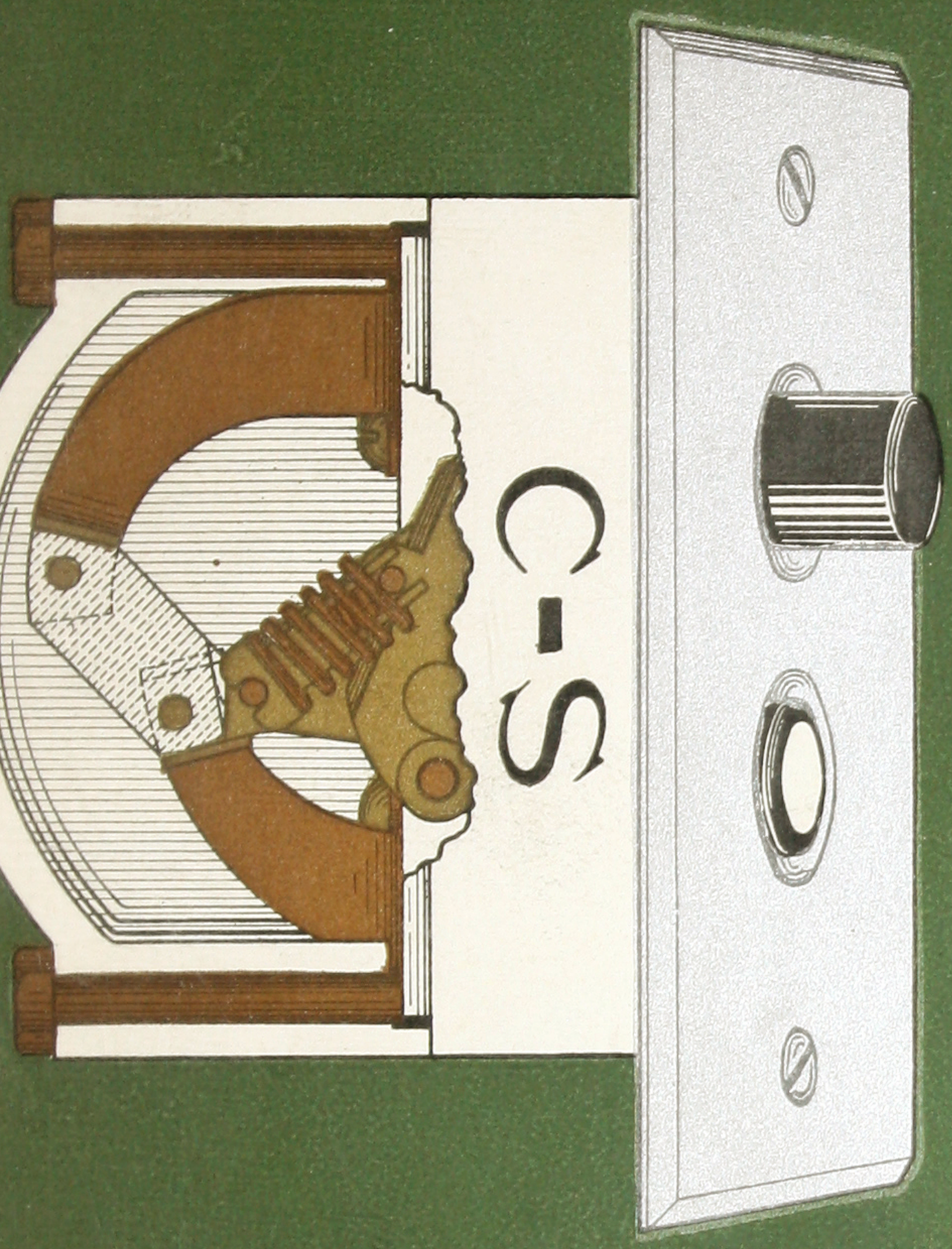
Lb 328



THE CUTTER CO.

PHILADELPHIA

THE

C=S

Flush Switch

Electrically, Mechanically and Artistically Perfect.

The Standard for high-grade work.

THE CUTTER CO.

Nineteenth and Hamilton Streets

PHILADELPHIA, U.S.A.

NEW YORK
120 Liberty Street.

INTRODUCTION.

THE C–S Switch has for so many years enjoyed the favor of the leading engineers and architects that any extended comment upon it would seem to be unnecessary.

Introduced almost ten years ago it was at once accepted as "the standard for high-grade work," and the knowledge gained in its manufacture has enabled us to make such changes and improvements as were suggested by experience. Ten years is a long life for a piece of electrical apparatus: The principle of a "push-button" switch then entirely new, is to-day imitated by many, but the ever-increasing sale of the C–S Switch clearly demonstrates its superiority and again proves that the best is the cheapest, especially in a device of this kind. From time to time, owing to simplification in design and warranted by the ever-growing demand which make possible its manufacture in large quantities, the price of the C–S Switch has been reduced, but the best materials are invariably used and the greatest care is always apparent in every detail of its construction.

PRICES AND TERMS

The prices herein given are subject to change without notice, and the present lists supersede all previous lists. Our discounts are 10 per cent. for cash in thirty days, with an additional 2 per cent. for cash in ten days. We will be glad to quote trade discounts in addition to the above on receipt of application, stating quantity.

THE CUTTER CO.
PHILADELPHIA.

July 1st, 1900.

ID 90-B6079 TCF

C-S

Distinctive Merits

The C–S Flush Switch of to-day is the product of ten years' experience, and a full realization of what existing requirements demand.

The mechanism is encased in a hard, vitreous, non-absorbent porcelain, the best obtainable—thus making it entirely fireproof.

The body of the switch is recessed into the wall, with only an ornamental face plate and buttons projecting.

By the arrangement of the buttons, the condition of a distant lamp, whether lighted or not, may be told at a glance.

The Switches are of ample carrying capacity, and are individually tested on double the amount of current they are designed to carry in service.

Endorsed by all Boards of Fire Underwriters.

Special Forms

The style of the face plate admits of an innumerable number of combinations. Single Pole, Double Pole, 3–Wire and 4–Wire Commutation Switches are all of the same size and form. Any number of these in any combination may be mounted on the same plate.

Moreover, this construction admits of the combination of switches, gas-lighting keys, bell buttons and speaking tubes, mounted artistically on plates of uniform size.

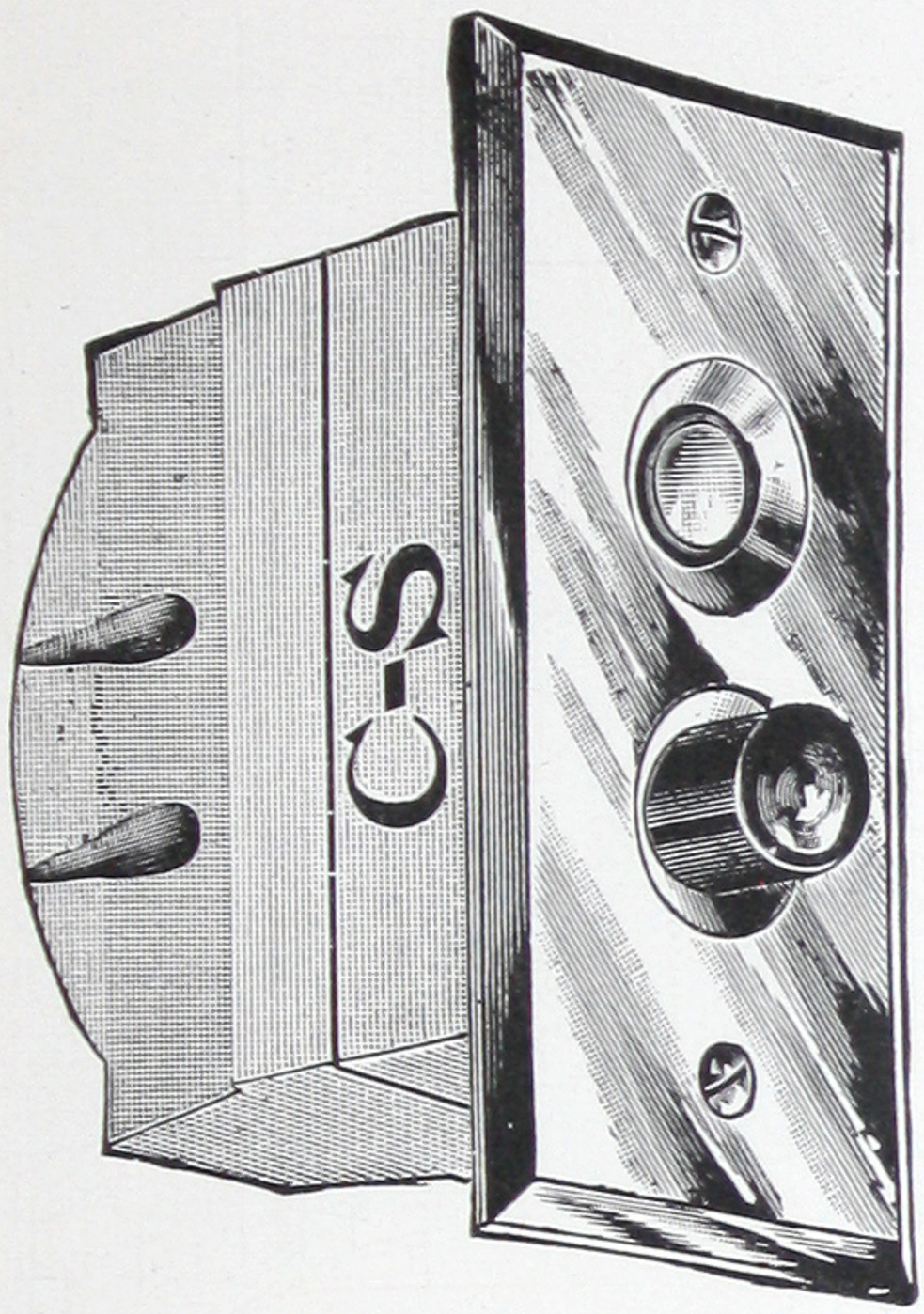
The face plates may be readily finished to conform to the surrounding furnishing.

While we illustrate herein but a few of the special forms, they do not, by any means, suggest limitation.

We shall be glad at all times to furnish whatever combination and finish our customers desire.

C-S

Flush Switch
Single Pole



Double Break—Capacity 15 Amperes

CODE WORD—S. P. Switch with nickel face plate, . **Rose**

CODE WORD—S. P. Switch without face plate, . . **Roseless**

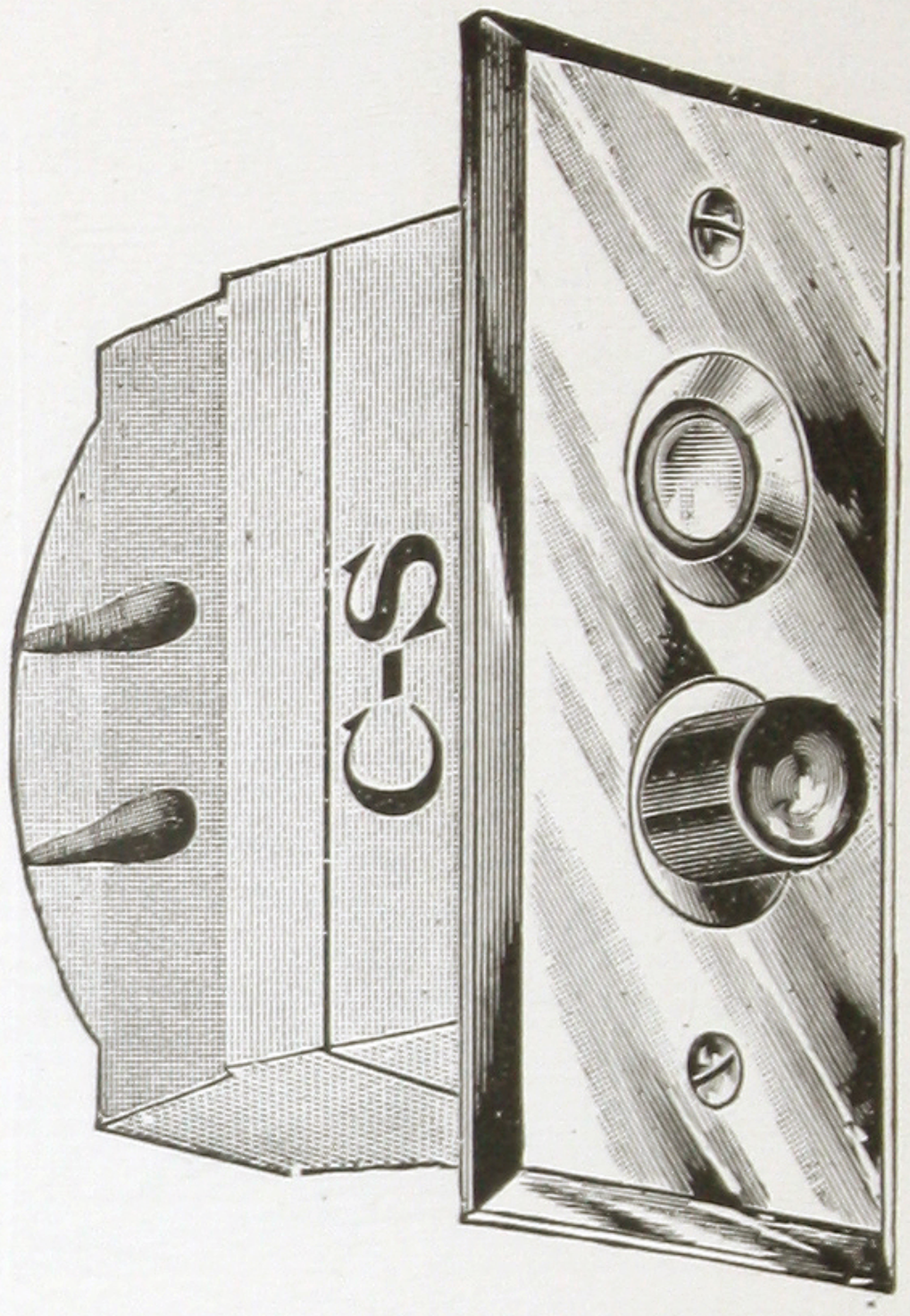
Always order by Code Word.

Price, ... $2.00 list

C-S

Flush Switch

Double Pole



Quadruple Break—Capacity 10 Amperes

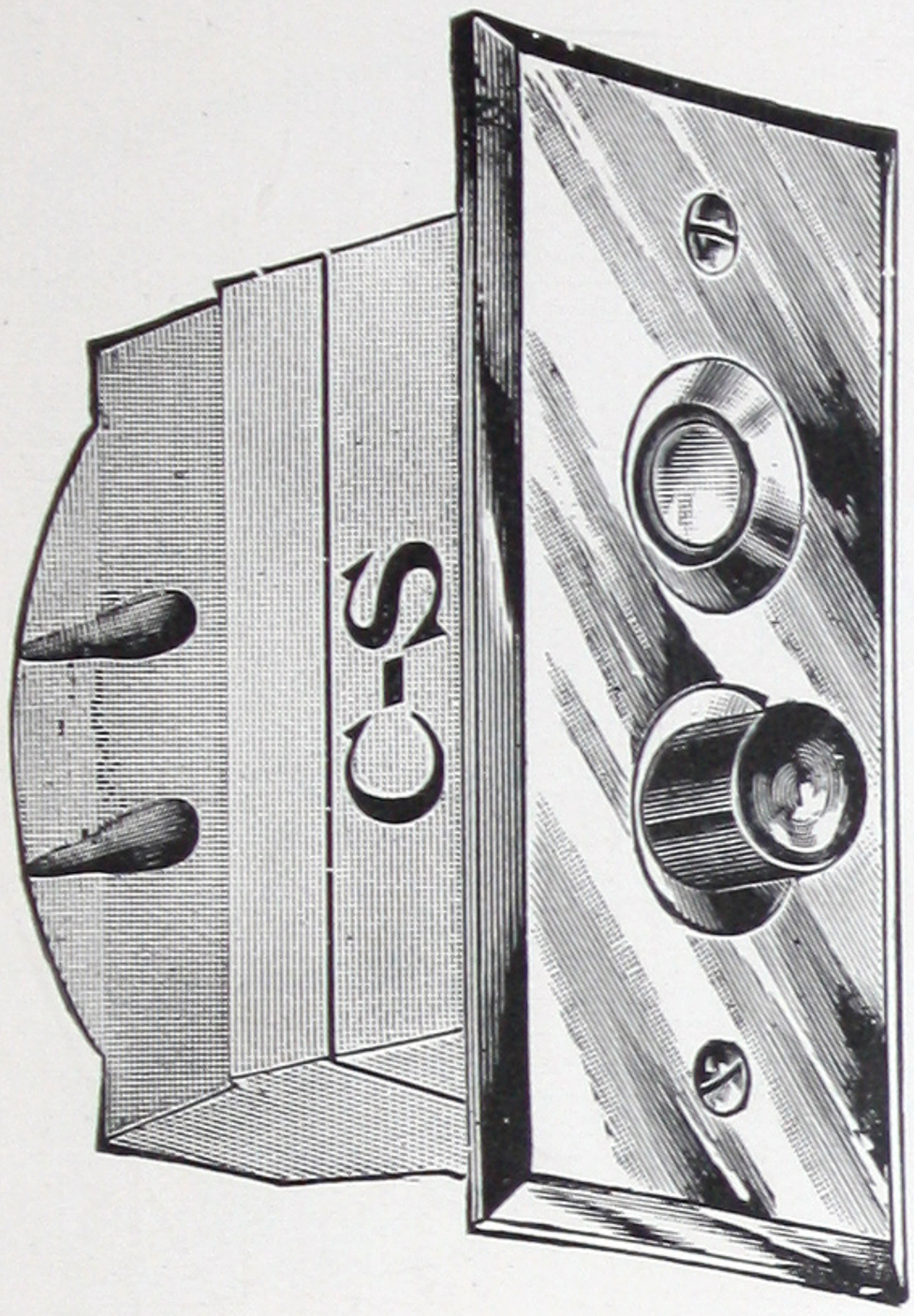
CODE WORD—D. P. Switch with nickel face plate, **Tulip**
CODE WORD—D. P. Switch without face plate, . **Tulipless**

Always order by Code Word.

Price, ... $2.50 list

C-S

Flush Switch
Three Wire



Double Break—Capacity 10 Amperes

This Switch is constructed upon practically the same lines as our single or double pole switch, the only modification being in the arrangement of the terminal contracts.

The particular service performed by this switch is to operate a distant lamp or lamps on the same circuit from two points.

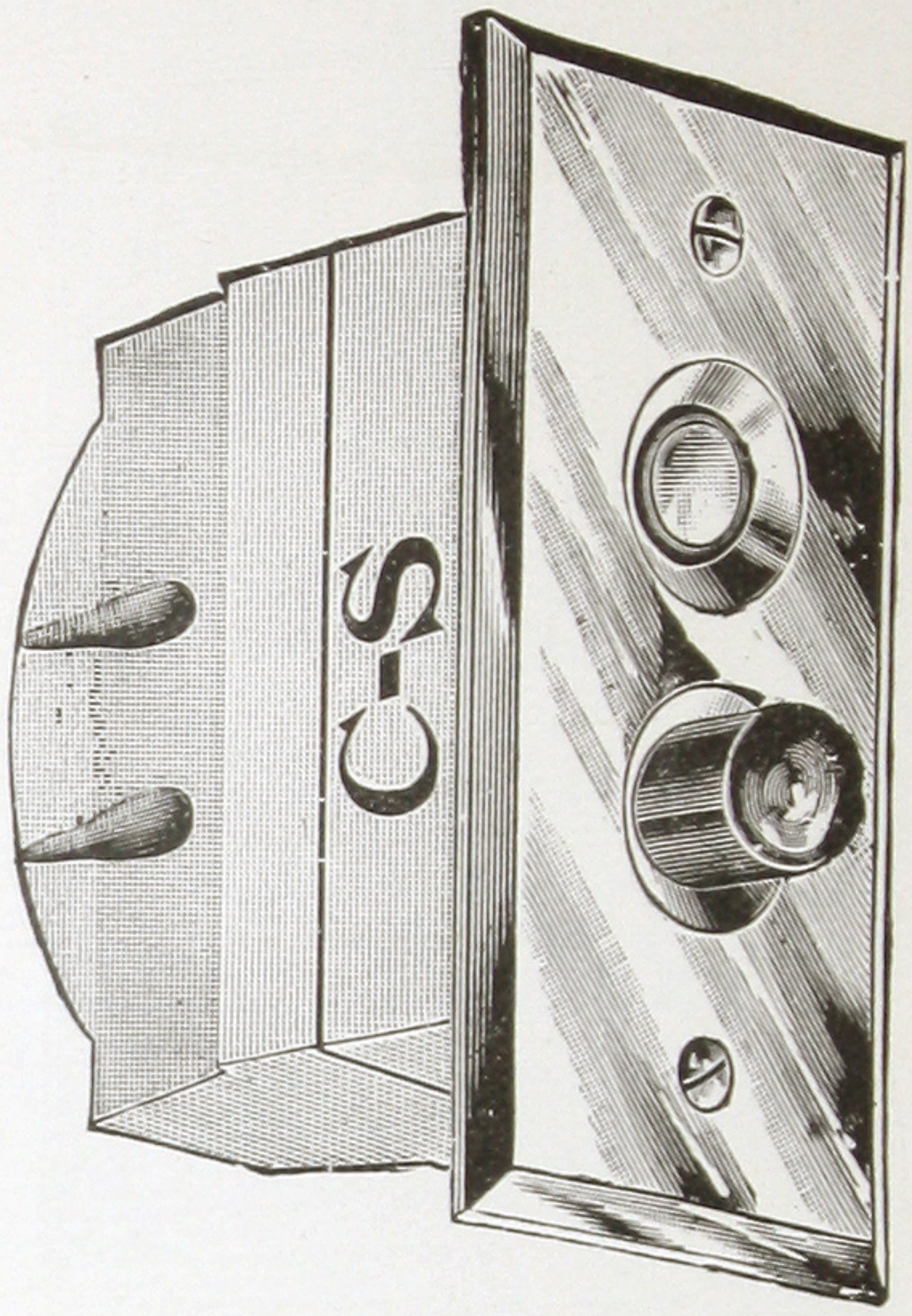
CODE WORD—3-wire switch with nickel face plate **Pansy**
CODE WORD—3-wire switch without face plate . **Pansyless**

Always order by Code Word.

Price, ... $2.50 list

C-S

Flush Switch
Four-Wire



Double Break—Capacity 5 Amperes

This switch is constructed upon practically the same lines as our single or double pole switch, the only modification being in the arrangement of the terminal contracts.

The particular service performed by this switch, used in connection with two three-wire switches, is to operate a distant lamp or lamps on the same circuit *from more than two points.* For this extended service one switch is required at each point of operation.

CODE WORD—4-wire switch with nickel face plate . **Lily**

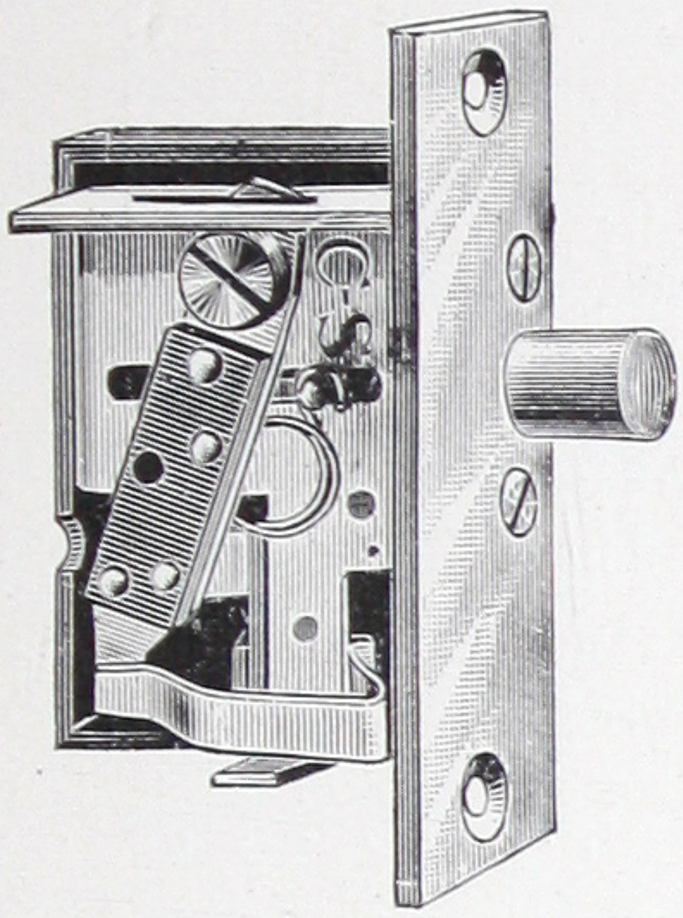
CODE WORD—4-wire switch without face plate . . **Lilyless**

Always order by Code Word.

Price, ... $4.00 list

C-S

Flush Switch
Automatic



Double Break—Capacity 3 Amperes

The popularity of this, the only reliable automatic switch, is constantly increasing. It is especially adapted for **Dark Closets, Toilet Rooms,** etc. For this purpose it is set flush in the rabbet of a door-jamb in a manner similar to the well-known burglar-alarm spring. It is strictly automatic. Opening the door turns the light on, while closing the door turns the light off.

The switch is also made with a "reverse action," i. e., opening the door turns the light off, while closing the door urns it on.

CODE WORD—Automatic Switch for operating lamp when door is opened, ... **Daisy**

CODE WORD—Automatic Switch for operating lamp when door is closed, ... **Violet**

Always order by Code Word.

Price, ... $2.00 list

Regular Finishes

By reason of a very complete plating department in our own factory and the large number of plates carried in stock, we are able to supply our customers with the following finishes at the same price as nickel (twenty-five cents), which is regarded by us as standard and which will invariably be supplied unless otherwise specified.

	CODE WORD
Bronze, Polished,	**Blue**
" Antique,	**Green**
" Oxidized,	**Brown**
" Japanese,	**Yellow**
Dead Black,	**Black**
Copper, Polished,	**Mauve**
" Oxidized,	**Gray**
" Antique,	**White**
Brass, Polished	**Red**
" Old,	**Pink**
" Brush,	**Drab**
" Oxidized,	**Slate**

Always order by Code Word.

Extra Finishes

In addition to the extra finishes listed below, we are prepared to furnish plates finished to match the special hardware of Yale & Towne, Corbin & Co., and other prominent hardware manufacturers.

When special finishes are desired, it would facilitate matters if a sample of the required finish be sent. This sample should invariably bear a tag stating from whom it is sent. This will tend to prevent errors and disappointment.

Extra finishes will be furnished at the following prices:

	CODE WORD.	LIST PRICE.
Bronze Matte,	**Citron**	.50
Brass Matte,	**Nile**	.50
Gold, Polished or Burnished,	**Gold**	$1.00
Gilt,	**Lemon**	1.00
Bower-Barffe,	**Absynthe**	.50
Silver, Polished or Burnished,	**Silver**	.50
" Matte,	**Cherry**	.50
" Oxidized,	**Orange**	.50

Where special finishes other than those listed are furnished, the prices will be based upon their cost.

Time must necessarily be allowed for special finishes, which we are prepared to deliver as promptly as is possible.

Unless otherwise stated, nickel finish will invariably be furnished.

Always order by Code Word.

Important Note

Explanation of Code Words

The use of Code Words prevents errors and saves expense in telegrams and cables. It will be noted that the code words chosen to indicate the different switches are the names of flowers, thus: "40 Tulips" is an order for Double Pole Switches with nickel face plates, the word "less" indicates that the switches are to be sent without face plates. The face plates take their code words from colors, thus: "40 Red Tulips" indicates order for Double Pole Switches *with* polished brass face plates, while "40 Red" indicates order for polished brass face plates without switches.

In the case of gangs, after the code word state the number in gang, thus: "5 Red four gang," meaning five polished brass plates (for four switches each). Horizontal gangs only are thus referred to; if perpendicular, so state. Perpendicular gangs are used infrequently and are special and an extra price is usually charged.

It has not been thought advisable to order either wood mats or iron wall boxes by code word.

Switches in gangs cost the same as single switches, thus:

One S. P. Switch	$2.00 list
One four gang S. P. Switches	8.00 list
One three gang, one S. P. and two D. P.	7.00 list

C-S

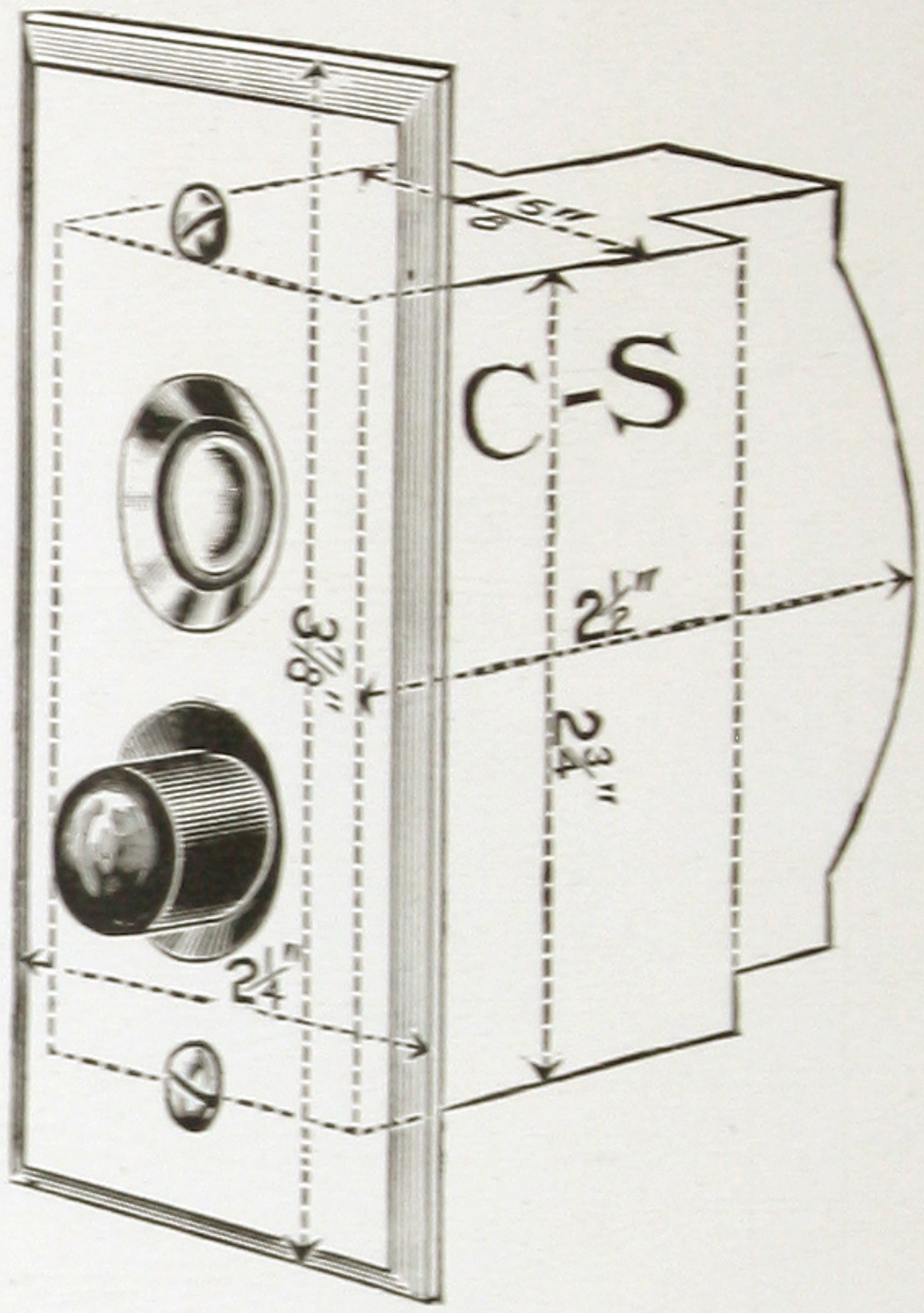
Gas-Lighting Keys

The above shows exact size of C–S Switch Plate arranged as a gas-lighting key.

1 Gas Key (as above) . . . . . list, $0.90

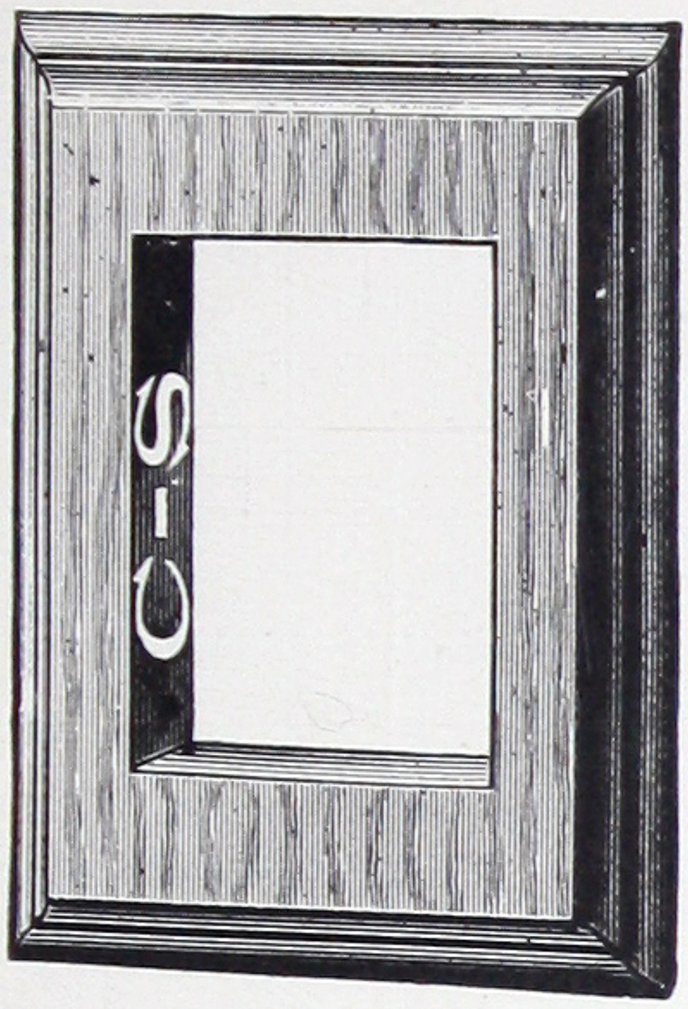
C-S

Flush Switch Dimensions



All C-S Flush Push Button Switches are of the same size and appearance—the only difference being in the internal mechanism. The important dimensions are shown above.

Accessories
Wood Mats



All Wood Mats for C-S Switches have mitred locked corners, highly finished and drilled for mounting C-S Switches, and can be used in connection with C-S Iron Wall Boxes or fastened directly on wall as desired, for single switches or in gangs. Furnished in Pine, Poplar, Birch, Walnut, Chestnut, Cherry, Sycamore, Butternut, Natural or Antique Oak and Ash.

No. 1, for one switch, ... 40c.

For each additional switch in gang, ... 10c.

Furnished in rare wood, such as Mahogany, Rosewood, Ebony, Boxwood, White Enamel, etc.

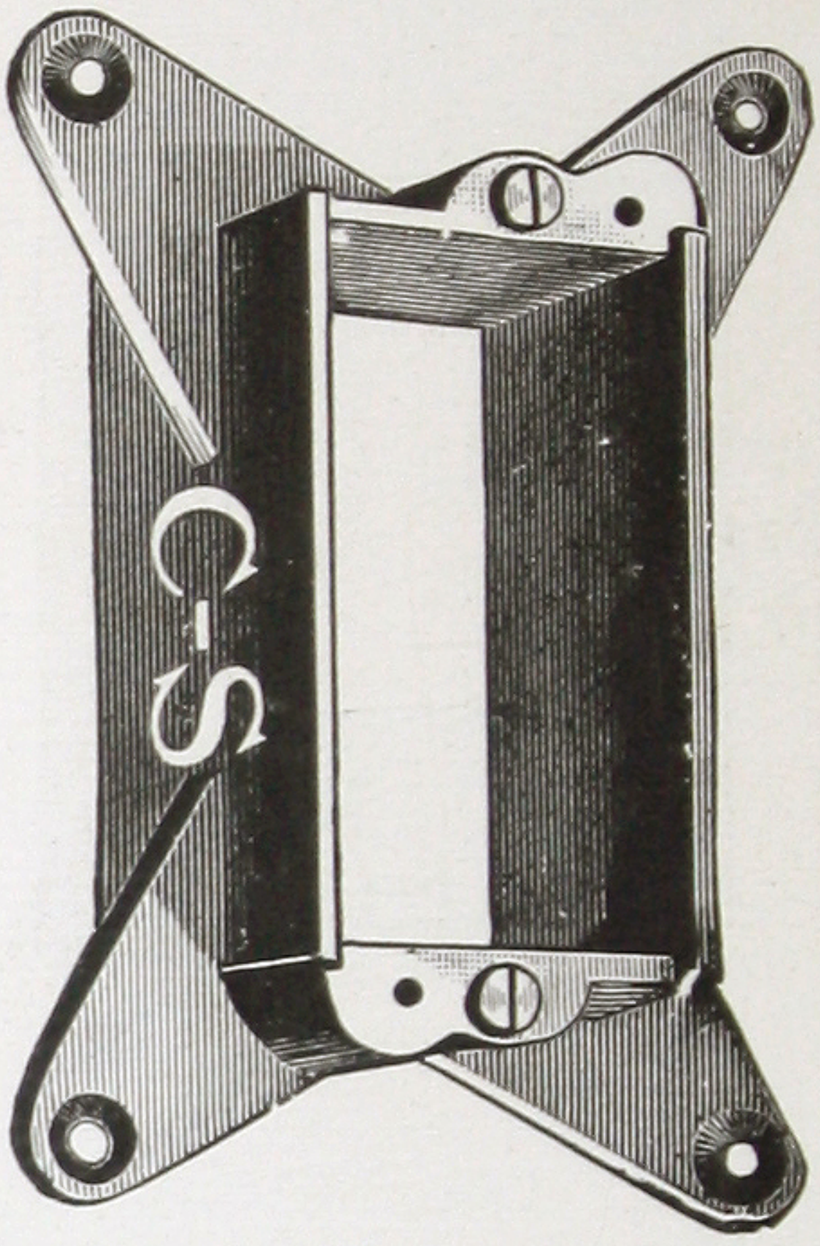
No. 1, for one switch, ... 70c.

For each additional switch in gang, ... 25c.

C-S

Accessories

Iron Wall Boxes



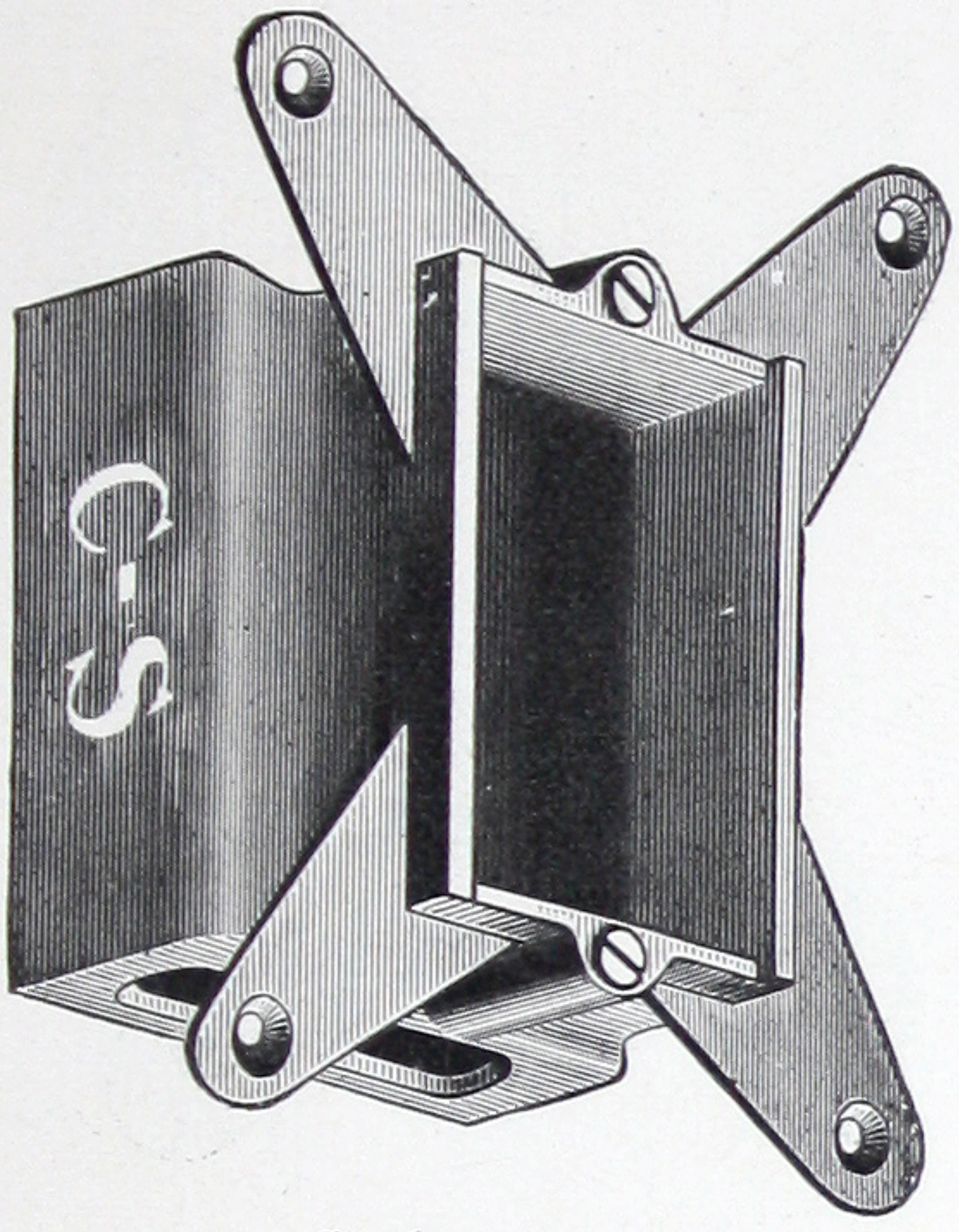
Style 200.

For C–S Switches these boxes are made of heavy cast iron, carefully finished and prepared for the quick and easy insertion of the C–S Switch. They are thoroughly painted inside and out with water-proof insulating paint.

Style 200, for one Switch, ... 15c.
Each additional pocket in gang, ... 5c.

Can be furnished in gangs of almost any arrangement.

Accessories
Iron Wall Boxes



Style 300.

By using the C–S Iron Wall Boxes the wires at Switch outlets are thoroughly protected from mechanical injury until the Switch is connected. The Switch can be securely fastened to the box, which is firmly built into the wall. The advantages are obvious.

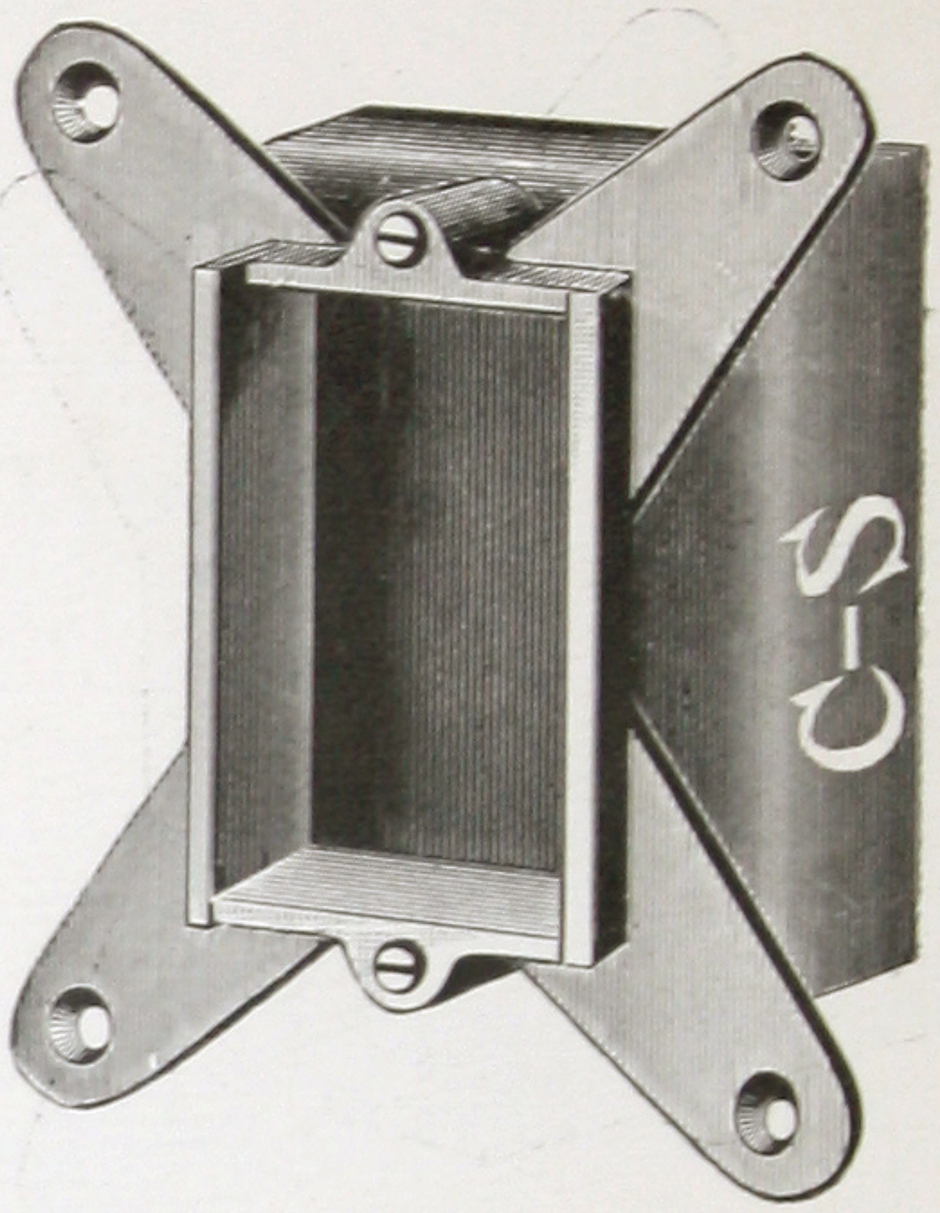
Style 300, with opening for interior conduit, No. 1, for one switch, ... 45c.
Each additional pocket in gang, ... 15c.

Can be furnished in gangs in horizontal rows only.

C-S

Accessories

Iron Wall Boxes



Style 400.

Style 400, *without openings* for conduit, so that the user can drill and tap to suit requirements.

No. 1, for one switch 45c
Each additional pocket in gang, ... 15c.

Holes will be provided for conduits on receipt of information as to number, size and location.

Drilling only, per hole . . . . . 05c.
Drilling and tapping, per hole . . . . . 08c.

Can be furnished in gangs in horizontal rows only.

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